

USER INTERFACE FOR GENERATING PARAMETER VALUES IN MEDIA PRESENTATIONS BASED ON SELECTED PRESENTATION INSTANCES

ABSTRACT OF THE DISCLOSURE

[79] A system providing a user interface to allow a user to easily modify parameters of media presentations such as images and audio. The user selects first and second reference instances, such as images. The images are described by parameters and parameter values. Differences between the images' parameter/value characteristics are identified. The first and second reference images are placed at different points on a display screen. By moving a pointer relative to the positions of the first and second reference images, a current image is generated that is a combination, or function, of the identified parameter/value characteristics. Thus, the user is able to quickly, and intuitively, achieve many desired modifications to the media. A feature of the invention allows image content to be modified in a similar manner. First and second computer model positions, animations, bitmap images, etc., can be used and the same technique employed to create many derivations from the selected reference images. Multiple parameters can be changed concurrently. A user can be presented with a list of parameters so that the user can selectively enable or disable parameters to be changed.